

To: DeMeo, Sharon M.[Demeo.Sharon@epa.gov]
From: Russell Ray
Sent: Tue 4/19/2016 7:08:08 AM
Subject: US Nuclear Engineers, Chinese Company Accused of Espionage

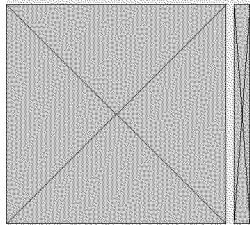
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E-NEWSLETTER

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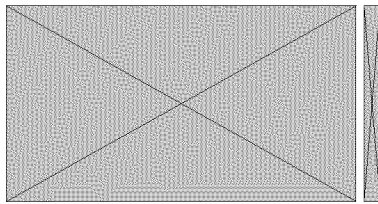
Long-Lasting Material Transfer for Renewable, Fossil and Ash



Maintain production while reducing maintenance costs and unplanned downtime with a drag chain conveyor engineered for the harsh operating environments of power generation. Move biomass feedstock, coal, or other dry fossil fuel for storage, boiler feed, or ash handling. Heavy-duty conveyor designs withstand the high temperatures and the corrosive, inconsistent nature of some feedstock. The CDM exclusive microstructure chain formula and abrasion resistant housing and wear components afford reliability and cost savings.

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Video Highlights



• **Peabody Energy Files For Chapter**

11 Bankruptcy

• **EIA: U.S. Natural Gas Supplies At All-Time High**

• **Entergy to Refuel Pilgrim Nuclear Plant in 2017, Close in 2019**

**Cyde Bergemann Power Group to Supply
Handling Systems**

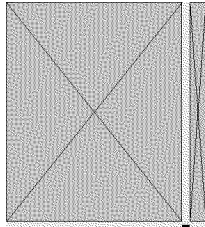


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Compact, Dry Leak Detector



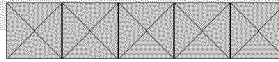
The Pfeiffer Vacuum multipurpose ASM 310 leak detector performs high sensitivity helium or hydrogen leak detection in vacuum and sniffer modes. The compact unit weighs just 46 pounds with a small 140 sq/inch footprint. Accessories include a cart, transport case, sniffer probe, spray gun and a long range wireless remote

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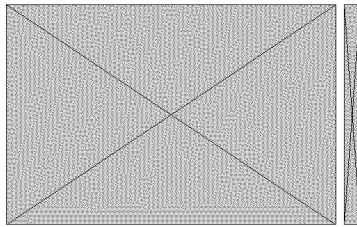
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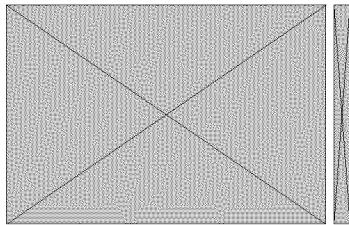
U.S. Nuclear Engineers Charged With Espionage



Engineers, Chinese company accused of sharing nuclear power secrets while flying under the U.S. government's radar.

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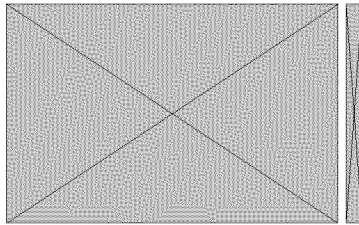
Largest U.S. Coal Producer Peabody Energy Seeks Bankruptcy Protection



Peabody Energy, considered the largest coal producer in the U.S., files for Chapter 11 bankruptcy but vows to continue operations.

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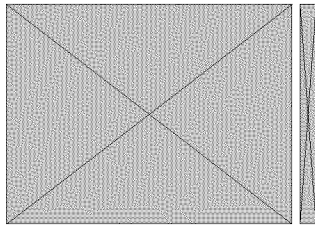
Winter Ends with NatGas Supply



During the warmest winter on record, U.S. natural gas production held steady at historic highs. As a result, inventories of natural gas have risen to an all-time high at winter's end.

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Clyde Bergemann to Install Ash Handling Systems at Two South Carolina Power Plants

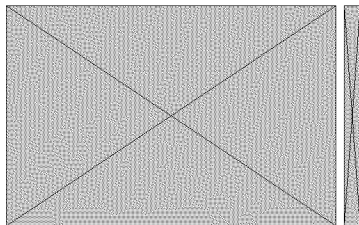


Clyde Bergemann Power Group will engineer, supply, and commission a series of bottom ash handling systems for the South Carolina utility Santee Cooper.

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Industry News

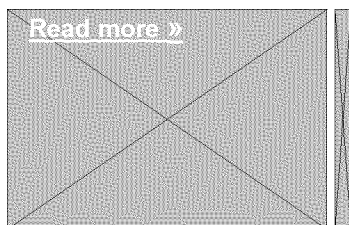
Duke Energy Shuts Down Indiana Coal Plant



After 63 years of service, the coal-fired units at the Wabash River Generating Station in West Terre Haute, Indiana, have been shut down.

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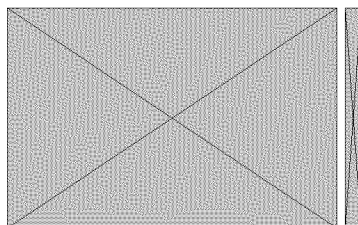
Pilgrim Nuclear Plant Set to Shut Down in May 2019



Entergy Corp. said it will refuel the single-unit, 680-MW Pilgrim Nuclear Power Station in Massachusetts one last time before shutting it down in 2019.

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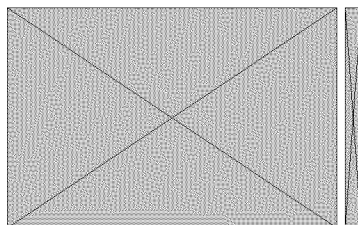
Emera, TECO Energy File Settlement With N.M. Regulators



Emera Inc. and TECO Energy Inc. filed an unopposed stipulation agreement with New Mexico regulators in Emera's proposed \$10.4 billion acquisition of TECO Energy and New Mexico Gas Co.

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Operations at Michigan's First Large-Scale Community Solar Project Begins

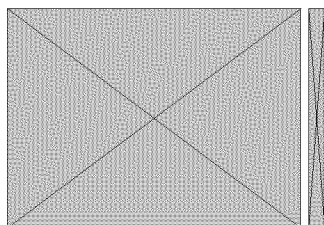


Consumers Energy started operations at its first large-scale solar project at Grand Valley State University in Michigan as part of its Solar Gardens community solar program.

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Industry Trends

Henry Hub Average Natural Gas Spot Prices

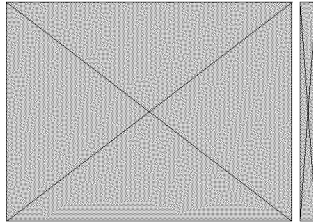


The Henry Hub is the pricing point for

natural gas futures contracts. Here's a  ve
changed up to April 13, 2016.

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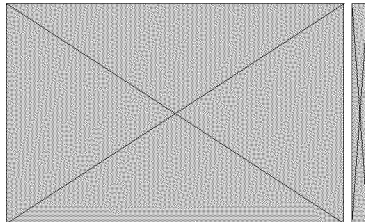
Federal Reserve Bank of Dallas' Economic Indicators



The Federal Reserve Bank of Dallas offers a glimpse into how the markets are doing domestically and internationally.

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EIA's Weekly Coal Production Report

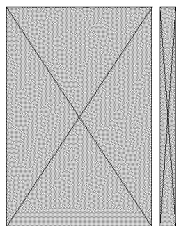


The U.S. Energy Information Administration has released its coal production report for the week ending April 9, 2016.

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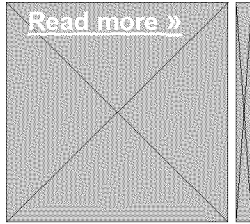
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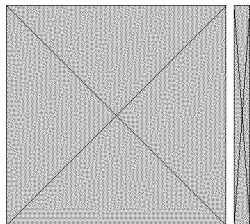


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From GenerationHub

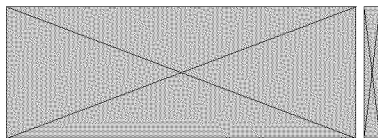
NTE Energy Unveils Three Power Projects With a Total of 2,000-MW of Capacity



NTE Energy announced April 15 that it is developing three natural gas-fired power plants in Connecticut, North Carolina and Ohio.

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Decline in Midwest Generating Resources Affects MISO Prices

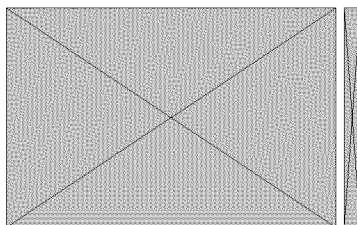


The Midcontinent ISO (MISO) released results of its fourth planning resource auction late April 14, and while there is adequate generation to go around, MISO officials acknowledged that plant retirements have affected prices.

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Slideshows

Progress at Plant Vogtle: March 2016



Georgia Power shows construction

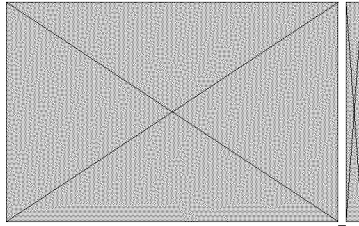
progress at Plant Vogtle nuclear power



16.

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The Country's Largest Power Plants



Ranking power plants according to size proves a deceptively tricky exercise. Not only do improvement projects render plant capacities a moving target, but it's also difficult to determine which metric is most appropriate to use when sizing up the field. The power plants in this slideshow are ranked according to nameplate installed capacity, without regard for fuel type.

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